	FME Batch 2B							9-Jun-22
	Action Number	Action Name	County	Batch Page Number	TC Rec	Tech Committee Rec	RFPG Rec	RFPG Rec
				0	(Y/N)	Date	(Y/N)	Date
	101000048	Trailmoor near Llano Hwy	Gillespie	1	Yes	5/25/2022		
	101000050	Drainage Channel near EMS Building	Gillespie	2	Yes	5/25/2022		
	101000051	Bob White Trail	Gillespie	3	Yes	5/25/2022		
	101000053	N Edison Low Water Crossing	Gillespie	4	Yes	5/25/2022		
H	101000054	Schubert Low Water Crossing	Gillespie	5	Yes	5/25/2022		
Ę.	101000055	200 Block N Orange	Gillespie	6	Yes	5/25/2022		
Batc	101000056	Crockett Street South of Travis	Gillespie	7	Yes	5/25/2022		
-	101000057	Cross Mountain West	Gillespie	8	Yes	5/25/2022		
	101000058	N Milam at West Travis	Gillespie	9	Yes	5/25/2022		
	101000122	Carriage Hills	Gillespie	10	Yes	5/25/2022		
	101000123	Post Oak Subdivision	Gillespie	11	Yes	5/25/2022		
	101000059	Repair of Little Barton Creek Dam	Hays	12	Yes	5/25/2022		
	101000060	Floodplain/Floodway Audit	Hays	13	Yes	5/25/2022		
	101000158	Citywide Storm Drain Infrastructure Modeling	Travis	14	Yes	5/25/2022		
2	101000063	Stormwater Diversion Project	Jackson	15	Yes	5/25/2022		
28	101000066	County Road 480	Jackson	16	Yes	5/25/2022		
ç	101000129	Palmetto Bend Spillway	Jackson	17	Yes	5/25/2022		
Ba	101000092	Citywide Drainage Study	Victoria	18	Yes	5/25/2022		
	101000093	Various Streets - Upgrade Existing Roadway Crossings	Victoria	19	Yes	5/25/2022		
	101000118	Sandy Oaks Subdivision	Colorado	20	Yes	5/25/2022		
	101000106	Various Streets - Upgrade Low Water Crossings	Blanco	21	Yes	5/25/2022		
	101000179	Various Streets - Install Floow Early Warning System	Kendall	22	Yes	5/25/2022		
	101000177	Countywide Floodplain Map Update	Gillespie	23	Yes	5/25/2022		
	101000069	Llano River Erosion	Kimble	24	Yes	5/25/2022		
Ŷ	101000183	South Polk Street Study	Lee	25	Yes	5/25/2022		
28	101000070	Llano River Channel Maintenance/Improvements	Llano	26	Yes	5/25/2022		
tch	101000073	Comanche Rancherias Subdivision	Llano	27	Yes	5/25/2022		
Ba	101000071	Drainage Ditch Maintenance/Improvements	Llano	28	Yes	5/25/2022		
	101000075	Airport Drainage Improvements	Matagorda	29	Yes	5/25/2022		
	101000077	Update Flood Insurance Study & Flood Insurance Rate Maps	Matagorda	30	Yes	5/25/2022		
	101000076	Tres Palacios River	Matagorda	31	Yes	5/25/2022		

Flood Management Evaluati	ion (FME) <sub>STUDY</sub>	Lower Colorado-Lavaca REGIONAL FLOOD
Title Trailmoor near Llano Hwy	ID# 101000048	PLANNING GROUP
Sponsor (name of entity) Fredericksburg (Municipality)	Commitment 🗙 Yes 📃 No	I LAMMING OROOT
Technical committee recommend X Yes No RFPG re	ecommend Yes No	REGION 10
Study Type		
Emergency preparedness Floodplain modeling, mapping	g and risk assessment 🛛 🗙 Fea	asibility study 🛛 📄 Preliminary project engineering
Other		
Problem Area	N	
City Fredericksburg County Gillespie		
Watershed Barons Creek name(s)		
Tributary(ies) Town Creek	· 在2013年上	The second se
HUC# 12090206 Stream miles (est.) TBD	、利益的利用	
Drainage area: square miles, est 0.26 or acreage, est. 168		dams St
Social vulnerability index 0.1 (SVI score 0.0 indicates least vulnerable; 1.0 indicates most vulnerable.)	when a thirt	No State Manager
Other Drainage System Improvements	the the the	N Llano

The Sponsor has indicated the existing stormwater infrastructure in the study area is undersized and the area is at risk of street flooding, property flooding, and potential structural flooding. The existing flood risk is not well defined, and the risk indicators are based on the study area. Study results will provide a more detailed assessment of existing flood and potential flood risk reduction that will be used to evaluate projects for future planning cycles.

Population at risk 209

Structures at risk 11

Farm/Ranch land impacted (acres) 12

Critical facilities at risk 0

0.23

#### Scope of Study

Study will include hydrologic and hydraulic modeling (with Atlas 14 rainfall), preliminary design of improvements, risk reduction analysis, verification of no adverse impacts, preparation of cost estimates and a benefit-cost-analysis, and an evaluation of potential constraints (environmental, utility conflicts, right-of-way needs, and constructability).

Roadway(s) impacted (miles)

### **Related Goal(s)**

6.1 Reduce the number of structures and critical facilities that are at high risk of repetitive loss through the implementation of structural flood mitigation projects. 6.2 Increase the number of entities that mitigate flood risk at vulnerable roadways or waterways (e.g., low-water crossings, irrigation canals).

#### **Estimated Study Cost**

Cost \$250,000

Flood Managem	ent Evaluat	ion (FME) <sub>stuc</sub>	REGIONAL FLOOD
Title Drainage Channel near EMS Build	ling	ID# 101000050	PLANNING GROUP
Sponsor (name of entity) Fredericksburg	; (Municipality)	Commitment 🗙 Yes 📃 N	
Technical committee recommend $X$ Yes	NO RFPG	recommend Yes No	REGION 10
Study Type			
Emergency preparedness FI Other	oodplain modeling, mappii	ng and risk assessment	Feasibility study Preliminary project engineering
Problem Area		N	
City Fredericksburg Co	unty Gillespie		
Watershed Muesebach Creek - Pederna name(s)	les River		
Tributary(ies) Unnamed Tributary			
HUC# 12090206 Stream	miles (est.) 0.50		BIT
Drainage area: square miles, est 0.00	or acreage, est. 3		
Social vulnerability index 0.1 (SVI score 0.0 indicates least vulnerable; 1.0 in	ndicates most vulnerable.)	Brown Par	
Other Channel Improvements/erosion p	protection		B Walk & A

There is existing erosion along the Pedernales River Tributary 2 near the City's Emergency Management System building that is threatening utilities servicing the building and nearby residential structures. The existing risk indicators are based on available data and will be better defined as part of the study. Study results will include detailed assessments of existing flood risk and potential flood risk reduction to be used in evaluating projects for future funding cycles.

Population at risk 0

Structures at risk 0

Critical facilities at risk 1 d (miles) 0.00

Farm/Ranch land impacted (acres) 0

### Scope of Study

Study will include hydrologic and hydraulic modeling (with Atlas 14 rainfall), preliminary design of improvements, risk reduction analysis, verification of no adverse impacts, preparation of cost estimates and a benefit-cost-analysis, and an evaluation of potential constraints (environmental, utility conflicts, right-of-way needs, and constructability).

Roadway(s) impacted (miles)

#### Related Goal(s)

6.1 Reduce the number of structures and critical facilities that are at high risk of repetitive loss through the implementation of structural flood mitigation projects.

Flood Manag	ement Evalua	tion (FME) STUDY	Lower Colorado-Lavaca REGIONAL FLOOD
Title Bob White Trail		ID# 101000051	PLANNING GROUP
Sponsor (name of entity) Freder	cksburg (Municipality)	Commitment X Yes No	I LAMMING OROOT
Technical committee recommend	d 🗙 Yes 📃 No 🛛 RFP(	G recommend Yes No	REGION 10
Study Type			
Emergency preparedness	Floodplain modeling, map	ping and risk assessment	Feasibility study X Preliminary project engineering
Other			
Problem Area		N	
City Fredericksburg	County Gillespie		
Watershed Muesebach Creek - F name(s)	Pedernales River		
Tributary(ies) Unnamed Tributar	у		
HUC# 12090206	Stream miles (est.) TBD	BOD	White Th
Drainage area: square miles, est	0.01 or acreage, est. 4		
Social vulnerability index 0.1 (SVI score 0.0 indicates least vulneration)	ble; 1.0 indicates most vulnerable.)		
Other Roadway/Crossing Improv	vements & Storm Drainage Syster	m 🔰 🚺 💽 🖓	

The existing crossing is undersized and overtops. The existing crossing is a corrugated metal pipe crossing. The proposed improvements include a multi-pipe (2) culvert. The existing road is a 2-lane road with an average daily traffic count of 265. The existing risk indicators are based on available data and will be better defined as part of the study. Study results will include detailed assessments of existing flood risk and potential flood risk reduction to be used in evaluating projects for future funding cycles.

Population at risk 0

Structures at risk 0

Critical facilities at risk 0

Farm/Ranch land impacted (acres) 0

Roadway(s) impacted (miles) 0.10

### Scope of Study

Conduct a study to evaluate upsizing the existing culvert crossing. Study will include hydrologic and hydraulic modeling (with Atlas 14 rainfall), preliminary design of improvements, risk reduction analysis, verification of no adverse impacts, preparation of cost estimates and a benefit-cost-analysis, and an evaluation of potential constraints (environmental, utility conflicts, right-of-way needs, and constructability).

#### Related Goal(s)

6.2 Increase the number of entities that mitigate flood risk at vulnerable roadways or waterways (e.g., low-water crossings, irrigation canals).

## **Estimated Study Cost**

Cost \$50,000

Flood Manage	ement Evalua	ation (FME) <sub>study</sub>	Lower Colorado-Lavaca
Title N Edison Low Water Cross	sing	ID# 101000053	PLANNING CROUP
Sponsor (name of entity) Frederi	cksburg (Municipality)	Commitment X Yes No	I LAMMING OROOT
Technical committee recommend	d 🗙 Yes 📃 No 🛛 RF	PG recommend Yes No	REGION 10
Study Type			
Emergency preparedness Other	Floodplain modeling, ma	apping and risk assessment	Feasibility study X Preliminary project engineering
Problem Area		S. S.	
City Fredericksburg	County Gillespie		
Watershed Barons Creek name(s)			HI AND
Tributary(ies) Town Creek			
HUC# 12090206	Stream miles (est.) TBD	A CONTRACTOR	
Drainage area: square miles, est	0.00 or acreage, est. (		And Participant and
Social vulnerability index 0.1 (SVI score 0.0 indicates least vulnerab	ble; 1.0 indicates most vulnerable.,		
Other Roadway/Crossing Improv System	ements and Install Flood Early	/ Waning	ison he

The existing crossing is undersized and overtops. The existing crossing is a single pipe culvert. The proposed improvements include redesigning the intersection and installing FEWS. The existing road is a 2-lane road with an average daily traffic count of 265. The existing risk indicators are based on available data and will be better defined as part of the study. Study results will include detailed assessments of existing flood risk and potential flood risk reduction to be used in evaluating projects for future funding cycles.

Population at risk 0

Structures at risk 0

Critical facilities at risk 0

Farm/Ranch land impacted (acres) 0

Roadway(s) impacted (miles) 0.02

### Scope of Study

Conduct a study to evaluate upsizing the existing low water crossing. Study will include hydrologic and hydraulic modeling (with Atlas 14 rainfall), preliminary design of improvements, risk reduction analysis, verification of no adverse impacts, preparation of cost estimates and a benefit-cost-analysis, and an evaluation of potential constraints (environmental, utility conflicts, right-of-way needs, and constructability).

### **Related Goal(s)**

2.1 Increase the number of communities with warning and emergency response capabilities, or which participate in regional flood warning systems (e.g., City of Austin Flood Early Warning System) that can detect flood threats in real time and provide timely warning of impending flood danger. 6.2 Increase the number of entities that mitigate flood risk at vulnerable roadways or waterways (e.g., low-water crossings, irrigation canals).

### **Estimated Study Cost**

Cost \$15,000

Potential funding source(s) TBD

Flood Managem	ient Evalua	tion (FME) <sub>STUDY</sub>	Lower Colorado-Lavaca REGIONAL FLOOD
Title Schubert Low Water Crossing		ID# 101000054	PLANNING GROUP
Sponsor (name of entity) Fredericksbu	rg (Municipality)	Commitment X Yes No	
Technical committee recommend $X$ Y	es No RFPC	G recommend Yes No	REGION 10
Study Type			
Emergency preparedness	Floodplain modeling, mapp	ping and risk assessment	Feasibility study X Preliminary project engineering
Other			
Problem Area		N	
City Fredericksburg C	ounty Gillespie		
Watershed Barons Creek name(s)			
Tributary(ies) Unnamed Tributary			
HUC# 12090206 Stream	n miles (est.) TBD		口口。二公司就律论家言则的
Drainage area: square miles, est 2.43	or acreage, est. 1,5	56	
Social vulnerability index 0.1 (SVI score 0.0 indicates least vulnerable; 1.0	indicates most vulnerable.)	A SHEET L	965 16
Other Roadway/Crossing Improvemen	ts & Channel Improvement	ts	Bie to and a start

The existing crossing is undersized and overtops. The existing crossing consists of a single pipe culvert. The proposed improvements include lowering the channel and adding drop structures and installing five 9'x5' box culverts. The existing road is a 2-lane road with an average daily traffic count of 269. The existing risk indicators are based on available data and will be better defined as part of the study. Study results will include detailed assessments of existing flood risk and potential flood risk reduction to be used in evaluating projects for future funding cycles.

Population at risk 0

Structures at risk 0

Critical facilities at risk 0

Farm/Ranch land impacted (acres) 0

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Roadway(s) impacted (miles) 0.10

### Scope of Study

Conduct a study to evaluate upsizing the existing low water crossing. Study will include hydrologic and hydraulic modeling (with Atlas 14 rainfall), preliminary design of improvements, risk reduction analysis, verification of no adverse impacts, preparation of cost estimates and a benefit-cost-analysis, and an evaluation of potential constraints (environmental, utility conflicts, right-of-way needs, and constructability).

#### Related Goal(s)

6.2 Increase the number of entities that mitigate flood risk at vulnerable roadways or waterways (e.g., low-water crossings, irrigation canals).

Flood Manage	ement Evaluat	tion (FME) STUDY	Lower Colorado-Lavaca <b>REGIONAL FLOOD</b>
Title 200 Block N Orange		ID# 101000055	PLANNING GROUP
Sponsor (name of entity) Frederi	icksburg (Municipality)	Commitment X Yes No	
Technical committee recommend	d 🗙 Yes 📃 No 🛛 RFPG	recommend Yes No	REGION 10
Study Type			
Emergency preparedness	Floodplain modeling, mappi	ng and risk assessment 🛛 🗙 F	easibility study Preliminary project engineering
Other			
Problem Area		N	\$ h
City Fredericksburg	County Gillespie		Tayla and the second second
Watershed Barons Creek name(s)			
Tributary(ies) Town Creek		MAR I KE	AUX S
HUC# 12090206	Stream miles (est.) 0.50	965	Misy of Misy
Drainage area: square miles, est	0.02 or acreage, est. 14	Sector .	
Social vulnerability index 0.1 (SVI score 0.0 indicates least vulnerab	ble; 1.0 indicates most vulnerable.)	290	
Other Channel Improvements/er	rosion protection	Fr Storm	CARL AND

Town Creek is eroding on the downstream side of Orange Street. Localized scour is occurring at the outfall and along this steeper section of the channel threatening existing utilities. The existing risk indicators are based on available data and will be better defined as part of the study. Study results will provide a more detailed assessment of existing flood and potential flood risk reduction that will be used to evaluate projects for future planning cycles.

Population at risk 60

Structures at risk 20

Critical facilities at risk 0

Farm/Ranch land impacted (acres) 0

Roadway(s) impacted (miles)

acted (miles) 0.10

### Scope of Study

Study will include hydrologic and hydraulic modeling (with Atlas 14 rainfall), preliminary design of improvements, risk reduction analysis, verification of no adverse impacts, preparation of cost estimates and a benefit-cost-analysis, and an evaluation of potential constraints (environmental, utility conflicts, right-of-way needs, and constructability).

### Related Goal(s)

6.1 Reduce the number of structures and critical facilities that are at high risk of repetitive loss through the implementation of structural flood mitigation projects.

Flood Management E	Evaluation (FME) STUDY	Lower Colorado-Lavaca <b>REGIONAL FLOOD</b>
Title Crockett Street South of Travis	ID# 101000056	PLANNING GROUP
Sponsor (name of entity) Fredericksburg (Municipa	lity) Commitment X Yes No	
Technical committee recommend 🗙 Yes 📃 No	RFPG recommend Yes No	REGION 10
Study Type		
Emergency preparedness Floodplain m	odeling, mapping and risk assessment X	easibility study Preliminary project engineering
Other		
Problem Area	N	
City Fredericksburg County Gilles	pie	5200
Watershed Barons Creek name(s)		
Tributary(ies) Barons Creek	Baropo	C C C C C C C C C C C C C C C C C C C
HUC# 12090206 Stream miles (est.)	TBD	Fredericksburg
Drainage area: square miles, est 0.01 or acrea	age, est. 7	1 vedestern energy
Social vulnerability index 0.1 (SVI score 0.0 indicates least vulnerable; 1.0 indicates mos	it vulnerable.)	
Other Drainage System Improvements	A CALL OF A	E C San A

The storm sewer system needs to be created to capture flow with curb/drop inlets to mitigate flows. The Sponsor has indicated the existing stormwater infrastructure in the study area is undersized and the area is at risk of street flooding, property flooding, and potential structural flooding. The existing risk indicators are based on available data and will be better defined as part of the study. Study results will provide a more detailed assessment of existing flood and potential flood risk reduction that will be used to evaluate projects for future planning cycles.

Population at risk 130

Structures at risk 44

Critical facilities at risk 0

Farm/Ranch land impacted (acres) 0

. .

Roadway(s) impacted (miles) 1.05

## Scope of Study

Study will include hydrologic and hydraulic modeling (with Atlas 14 rainfall), preliminary design of improvements, risk reduction analysis, verification of no adverse impacts, preparation of cost estimates and a benefit-cost-analysis, and an evaluation of potential constraints (environmental, utility conflicts, right-of-way needs, and constructability).

## **Related Goal(s)**

6.1 Reduce the number of structures and critical facilities that are at high risk of repetitive loss through the implementation of structural flood mitigation projects. 6.2 Increase the number of entities that mitigate flood risk at vulnerable roadways or waterways (e.g., low-water crossings, irrigation canals).

Flood Management	Evaluation (FM	E) STUDY Lower	r Colorado-Lavaca
Title Cross Mountain West	ID# 10100	0057 <b>PIA</b>	NNING GROUP
Sponsor (name of entity) Fredericksburg (Municip	ality) Commitment	Yes No	
Technical committee recommend X Yes No	RFPG recommend Ye	es No	REGION 10
Study Type			
Emergency preparedness Floodplain	nodeling, mapping and risk assessm	nent X Feasibility study	Preliminary project engineering
Other			
Problem Area	N		
City Fredericksburg County Gille	spie		
Watershed Barons Creek name(s)			The second secon
Tributary(ies) Unnamed Tributary		no de la de	
HUC# 12090206 Stream miles (est	.) TBD	and the second second	deression 17th 1
Drainage area: square miles, est 0.01 or acre	eage, est. 8	0	
Social vulnerability index 0.1 (SVI score 0.0 indicates least vulnerable; 1.0 indicates mo	ost vulnerable.)	- Contraction	
Other Drainage System Improvements		onuo	

Drainage system along Cross Mountain West is undersized and the Sponsor has indicated the existing stormwater infrastructure in the study area is undersized and the area is at risk of street flooding, property flooding, and potential structural flooding. The existing flood risk is not well defined, and the risk indicators are based on the study area. Study results will provide a more detailed assessment of existing flood and potential flood risk reduction that will be used to evaluate projects for future planning cycles.

Population at risk 60

Structures at risk 24

Critical facilities at risk 0 0.57

Farm/Ranch land impacted (acres) 0

Roadway(s) impacted (miles)

## Scope of Study

Study will include hydrologic and hydraulic modeling (with Atlas 14 rainfall), preliminary design of improvements, risk reduction analysis, verification of no adverse impacts, preparation of cost estimates and a benefit-cost-analysis, and an evaluation of potential constraints (environmental, utility conflicts, rightof-way needs, and constructability).

### Related Goal(s)

6.1 Reduce the number of structures and critical facilities that are at high risk of repetitive loss through the implementation of structural flood mitigation projects. 6.2 Increase the number of entities that mitigate flood risk at vulnerable roadways or waterways (e.g., low-water crossings, irrigation canals).

#### **Estimated Study Cost**

Cost \$100,000

Flood Management Evalua	ation (FME) <sub>STUDY</sub>	Lower Colorado-Lavaca <b>REGIONAL FLOOD</b>
Title N Milam at West Travis	ID# 101000058	PLANNING GROUP
Sponsor (name of entity) Fredericksburg (Municipality)	Commitment X Yes No	I LANNING OROGI
Technical committee recommend X Yes No RFI	PG recommend Yes No	REGION 10
Study Type		
Emergency preparedness Floodplain modeling, ma	pping and risk assessment $X$ Fea	sibility study Preliminary project engineering
Other		
Problem Area	N	
City Fredericksburg County Gillespie		
Watershed Barons Creek name(s)		
Tributary(ies) Town Creek		4 (2 <sup>°</sup>
HUC# 12090206 Stream miles (est.) TBD	A COLOR	AST SONT COM
Drainage area: square miles, est 0.01 or acreage, est. 5		5
Social vulnerability index 0.1 (SVI score 0.0 indicates least vulnerable; 1.0 indicates most vulnerable.)		A HE W
Other Drainage System Improvements		E Charge

The Sponsor has indicated the existing stormwater infrastructure in the study area is undersized and the area is at risk of street flooding, property flooding, and potential structural flooding. The existing flood risk is not well defined, and the risk indicators are based on the study area. Study results will provide a more detailed assessment of existing flood and potential flood risk reduction that will be used to evaluate projects for future planning cycles.

Population at risk 30

Structures at risk 12

Critical facilities at risk 0

Farm/Ranch land impacted (acres) 0

Roadway(s) impacted (miles) 0.44

### Scope of Study

Study will include hydrologic and hydraulic modeling (with Atlas 14 rainfall), preliminary design of improvements, risk reduction analysis, verification of no adverse impacts, preparation of cost estimates and a benefit-cost-analysis, and an evaluation of potential constraints (environmental, utility conflicts, right-of-way needs, and constructability).

#### Related Goal(s)

6.1 Reduce the number of structures and critical facilities that are at high risk of repetitive loss through the implementation of structural flood mitigation projects. 6.2 Increase the number of entities that mitigate flood risk at vulnerable roadways or waterways (e.g., low-water crossings, irrigation canals).

#### **Estimated Study Cost**

Cost \$150,000

Flood Manage	ement Evaluat	tion (FME) STUDY	Lower Colorado-Lavaca <b>REGIONAL FLOOD</b>
Title Carriage Hills		ID# 101000122	PLANNING GROUP
Sponsor (name of entity) Frederic	cksburg (Municipality)	Commitment X Yes No	
Technical committee recommend	I 🗙 Yes 📃 No 🛛 RFPG	recommend Yes No	REGION 10
Study Type			
Emergency preparedness	Floodplain modeling, mappi	ng and risk assessment $X$ Fo	easibility study 🛛 📄 Preliminary project engineering
Other			
Problem Area		N	
City Fredericksburg	County Gillespie		
Watershed Barons Creek name(s)			
Tributary(ies) Unnamed Tributary	ý		
HUC# 12090206	Stream miles (est.) TBD		
Drainage area: square miles, est	0.02 or acreage, est. 16		and the second sec
Social vulnerability index 0.1 (SVI score 0.0 indicates least vulnerab	ole; 1.0 indicates most vulnerable.)	A State of the sta	r Anna Anna Anna Anna Anna Anna Anna Ann
Other Channel Improvements			angle F F Riley

The area of concern lacks a storm drain system and stormwater is conveyed via streets. The area is subject to localized flooding and channel erosion. The city has identified local drainage improvements including adding curbs, constructing a new channel, increasing the capacity of an existing pond, and replacing the pond outlet structure. The existing risk indicators are based on available data and will be better defined as part of the study. Study results will include detailed assessments of existing flood risk and potential flood risk reduction to be used in evaluating projects for future funding cycles.

Population at risk 40

Structures at risk 15

Critical facilities at risk 0

Farm/Ranch land impacted (acres) 0

Roadway(s) impacted (miles) 0.29

### Scope of Study

Study will include hydrologic and hydraulic modeling (with Atlas 14 rainfall), preliminary design of improvements, risk reduction analysis, verification of no adverse impacts, preparation of cost estimates and a benefit-cost-analysis, and an evaluation of potential constraints (environmental, utility conflicts, right-of-way needs, and constructability).

#### Related Goal(s)

6.1 Reduce the number of structures and critical facilities that are at high risk of repetitive loss through the implementation of structural flood mitigation projects.

Flood Manage	ement Evaluat	ion (FME) <sub>STUDY</sub>	Lower Colorado-Lavaca
Title Post Oak Subdivision		ID# 101000123	PLANNING GROUP
Sponsor (name of entity) Frederic	cksburg (Municipality)	Commitment 🗙 Yes 📃 No	I LANNING OROOT
Technical committee recommend	X Yes No RFPG	recommend Yes No	REGION 10
Study Type			
Emergency preparedness Other	Floodplain modeling, mappir	ng and risk assessment F	easibility study X Preliminary project engineering
Problem Area		N Mathematical	W WINDCREST KD
City Fredericksburg	County Gillespie		
Watershed Muesebach Creek - P name(s)	edernales River		
Tributary(ies) Unnamed Tributary	/	and the second second	
HUC# 12090206	Stream miles (est.) TBD		THE REPORT
Drainage area: square miles, est	0.13 or acreage, est. 84		
Social vulnerability index 0.1 (SVI score 0.0 indicates least vulnerab	le; 1.0 indicates most vulnerable.)		Bille
Other Roadway/Crossing Improv	ements / Channel Improvements	Pyka Rd	16

The existing crossing is undersized and overtops. The proposed improvements include improving the channel, raising the road, and adding multi-box (6) culvert. The existing road is a 2-lane road with an average daily traffic count of 265. The existing risk indicators are based on available data and will be better defined as part of the study. Study results will include detailed assessments of existing flood risk and potential flood risk reduction to be used in evaluating projects for future funding cycles.

Population at risk 0

Structures at risk 0

Critical facilities at risk 0

0.50

Farm/Ranch land impacted (acres) 0

### Scope of Study

Conduct a study to evaluate the area. Study will include hydrologic and hydraulic modeling (with Atlas 14 rainfall), preliminary design of improvements, risk reduction analysis, verification of no adverse impacts, preparation of cost estimates and a benefit-cost-analysis, and an evaluation of potential constraints (environmental, utility conflicts, right-of-way needs, and constructability).

Roadway(s) impacted (miles)

### Related Goal(s)

6.2 Increase the number of entities that mitigate flood risk at vulnerable roadways or waterways (e.g., low-water crossings, irrigation canals).